



TRANS TECH CONSULTANTS

Environmental Compliance Services
Engineers • Geologists • Planners
License # 697833 (A-Haz)

May 16, 2005
Job No. 1222.01

Edward and Margaret Gilmore
27 Rancheria Road
Kentfield, California 94904

Subject: Sensitive Receptor Survey Update
Royal Coach Car Wash / 7360 Commerce Blvd., Cotati, California
SCDHS-EHD Case #00001357; NCRWQCB Site # 1TSO509

Dear Mr. and Mrs. Gilmore:

This letter presents an update to the June 4, 2001 *Sensitive Receptor Survey* and the March 19, 2004 *Sensitive Receptor Survey Addendum* performed for the subject property. The site is approximately located as shown on the attached Site Location Map, Plate 1. As a result of confirmed petroleum hydrocarbon impact in the second water bearing zone at the site, this update was prepared to identify possible receptors in the secondary aquifer that may be at risk from impact at the subject site. This update consisted of re-evaluating domestic wells within approximately 1000 feet of the subject site, municipal wells within ½ mile of the subject site, and re-evaluating utilities within 250 feet of the subject site. The work was performed in general accordance with directives outlined in a February 3, 2005 letter from Mr. Dale Radford of the Sonoma County Department of Health Services - Environmental Health Division (SCDHS-EHD).

Well Survey

On April 28 2005, TTC performed a door-to-door survey for domestic wells within approximately 1,000 feet of the subject site. The survey was focused on Helman Lane and Redwood Drive. Previously identified domestic wells were found at 10, 170, 187, 200, 221, and 225 Helman Lane and an industrial well was identified at Northbay Truck Works located at 141 Helman Lane. During our re-survey of domestic wells, we met with the property owner at 141 Helman Lane. The property owner indicated that the industrial well has a total depth of approximately 200 feet below ground surface. Additional well construction details were unavailable. No new domestic or industrial wells were identified.

The well construction details obtained from the Department of Water Resources (DWR) records for domestic wells located at 10, 170, 187, and 200 Helman Lane were presented in our June 4, 2001 *Sensitive Receptor Survey*.

A municipal well for the City of Cotati located at 431 Houser Street is within the ½ mile search radius from the subject site. Details of well construction and annual testing, which includes MtBE, was presented in our March 19, 2004 *Sensitive Receptor Survey Addendum* .

Based on conversations with representatives of City of Cotati Planning Department, it is our understanding that the residence located at 10 Helman Lane is scheduled for demolition. Information regarding specific dates for demolition and potential well abandonment at 10 Helman Lane is unavailable. Based on conversations with representatives from the City of Cotati Public Works Department and the City of Cotati Planning Department, City water service is scheduled for Helman Lane in the “near future”. The locations of the domestic, industrial, and municipal wells identified during our sensitive receptor survey and subsequent updates are approximately located as shown on the attached Site Vicinity Map, Plate 2.

Utility Investigation

In order to identify potential preferential pathways for groundwater migration, TTC re-investigated locations of underground utilities within 250 feet of the site. Our utility re-survey focused onsite utility corridors. On April 28, 2005, TTC met with representatives of the subject site to discuss onsite utility locations and to update the existing utility map. Approximate utility locations are shown on the attached Site Plan / Utility Map, Plate 3. A detailed site utility plan from the property owner which may present previously unidentified utility trenches is pending.

Closure

The domestic, industrial, and municipal wells located within the search radius are generally down gradient from the subject site. Based on the relative distance to the subject site and the levels of contamination detected in monitoring wells in the deeper water-bearing zone, it is our opinion that the majority of the offsite wells are at a low risk of being impacted from contamination generated at the subject site. However, the domestic well located at 10 Helman Lane and the industrial well located at 141 Helman Lane are the closest to the subject site and may need to be tested for the contaminants of concern.

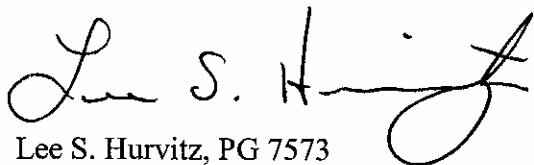


We appreciate the opportunity to be of service to you and trust that this provides the information you require at this time. If you have any questions or require any additional information, please feel free to contact us.

Sincerely,
TRANS TECH CONSULTANTS



Brian R. Hasik
Staff Geologist

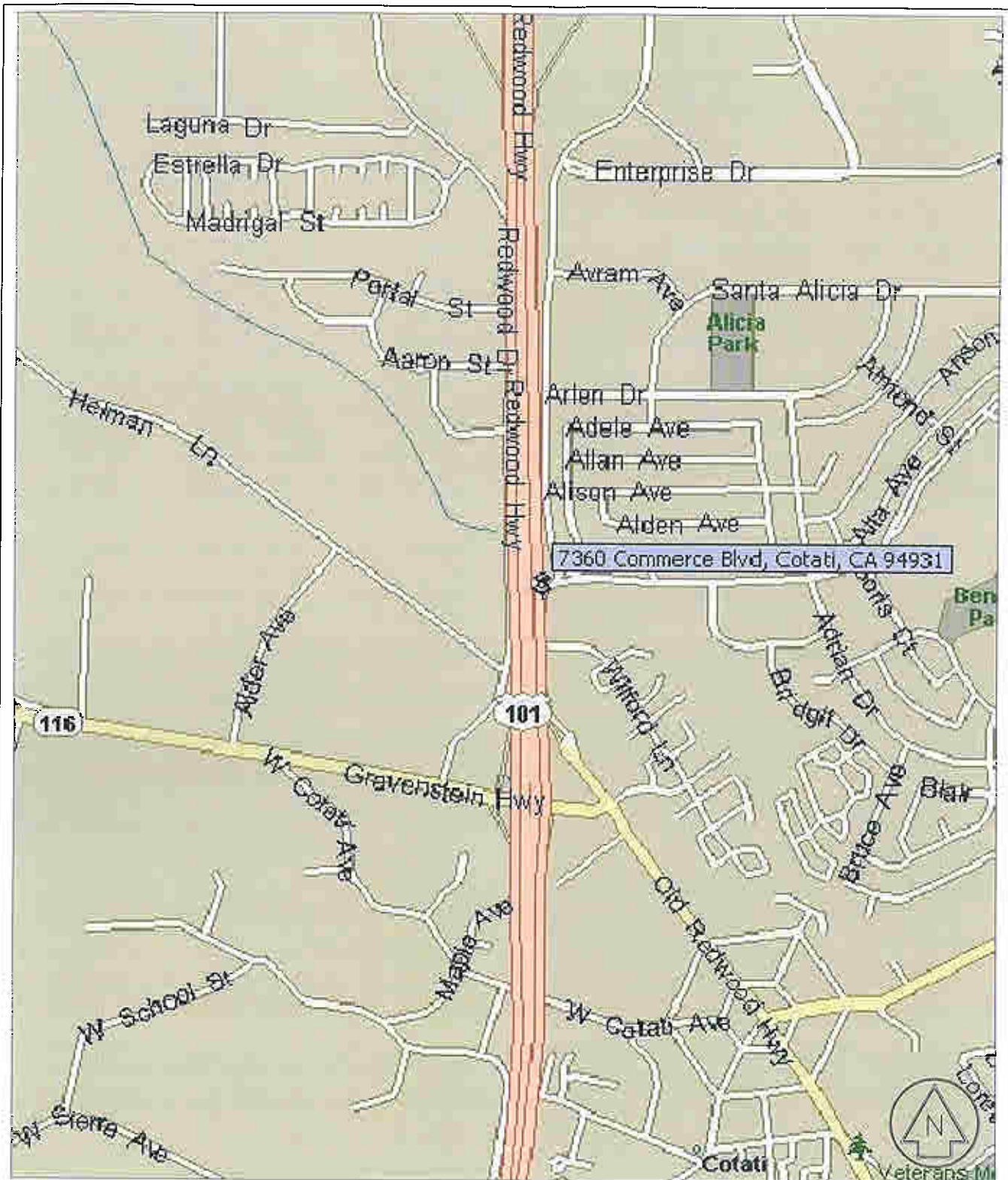


Lee S. Hurvitz, PG 7573
Professional Geologist

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Attachments: Site Location Map, Plate 1
Site Vicinity Map, Plate 2
Site Plan / Utility Map, Plate 3
Distribution List





TRANS TECH CONSULTANTS

930 SHILOH RD., BLDG 44, SUITE J
WINDSOR, CA 95492
PHONE: 707-575-8622 FAX: 707-837-7334

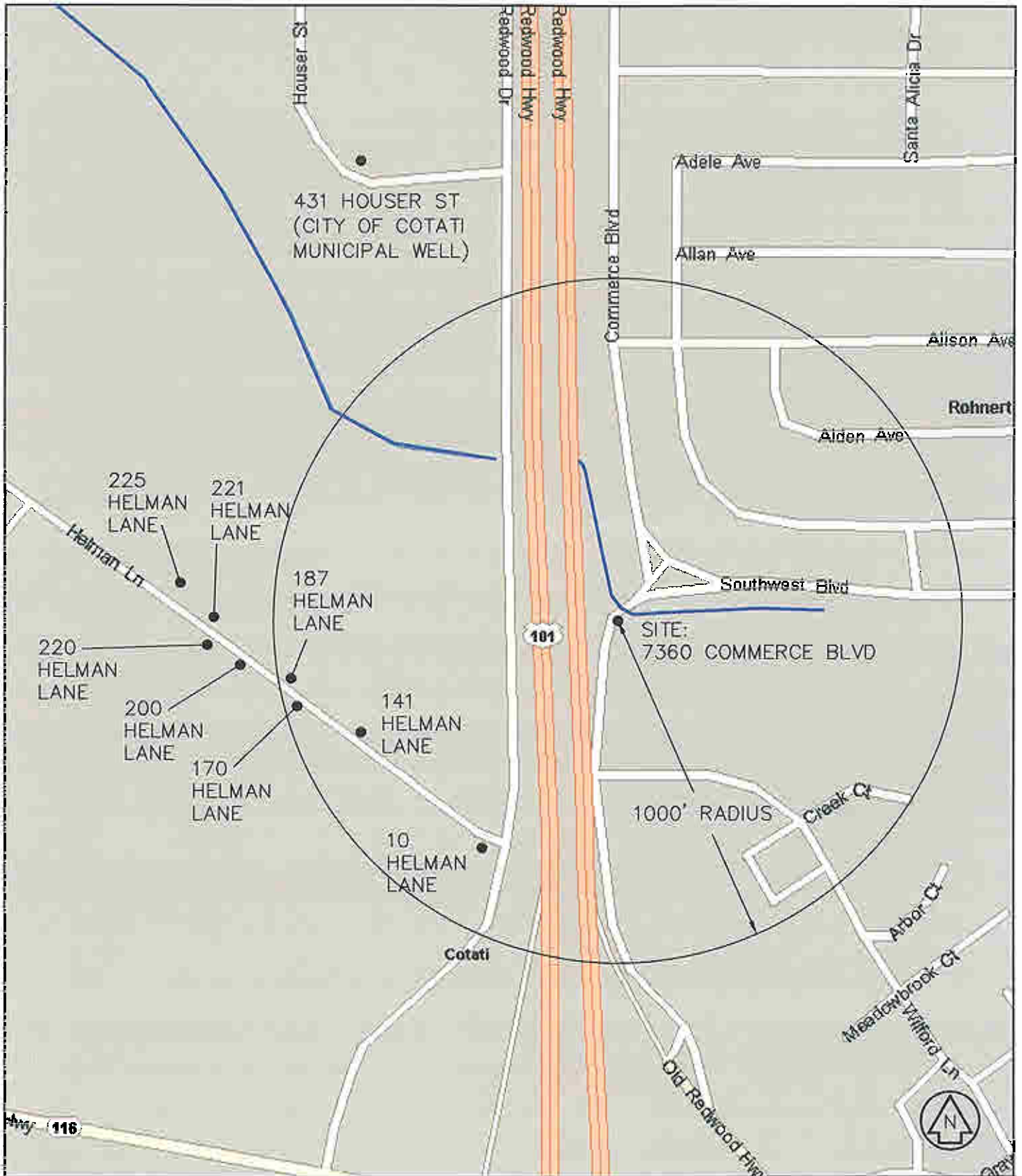
SITE LOCATION MAP

ROYAL COACH CARWASH
7360 COMMERCE BLVD.
COTATI, CALIFORNIA

PLATE:

1

DRAWN BY:	DWG NAME:	APPR. BY:	JOB NUMBER:	W.O. NUMBER:	REVISIONS:	DATE:
PSC	1222.01 SLM	BCW	1222.01	A-340		12/15/03



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930 SHILOH RD., BLDG 44, SUITE J
WINDSOR, CA 95492
PHONE: 707-575-8622 FAX: 707-837-7334

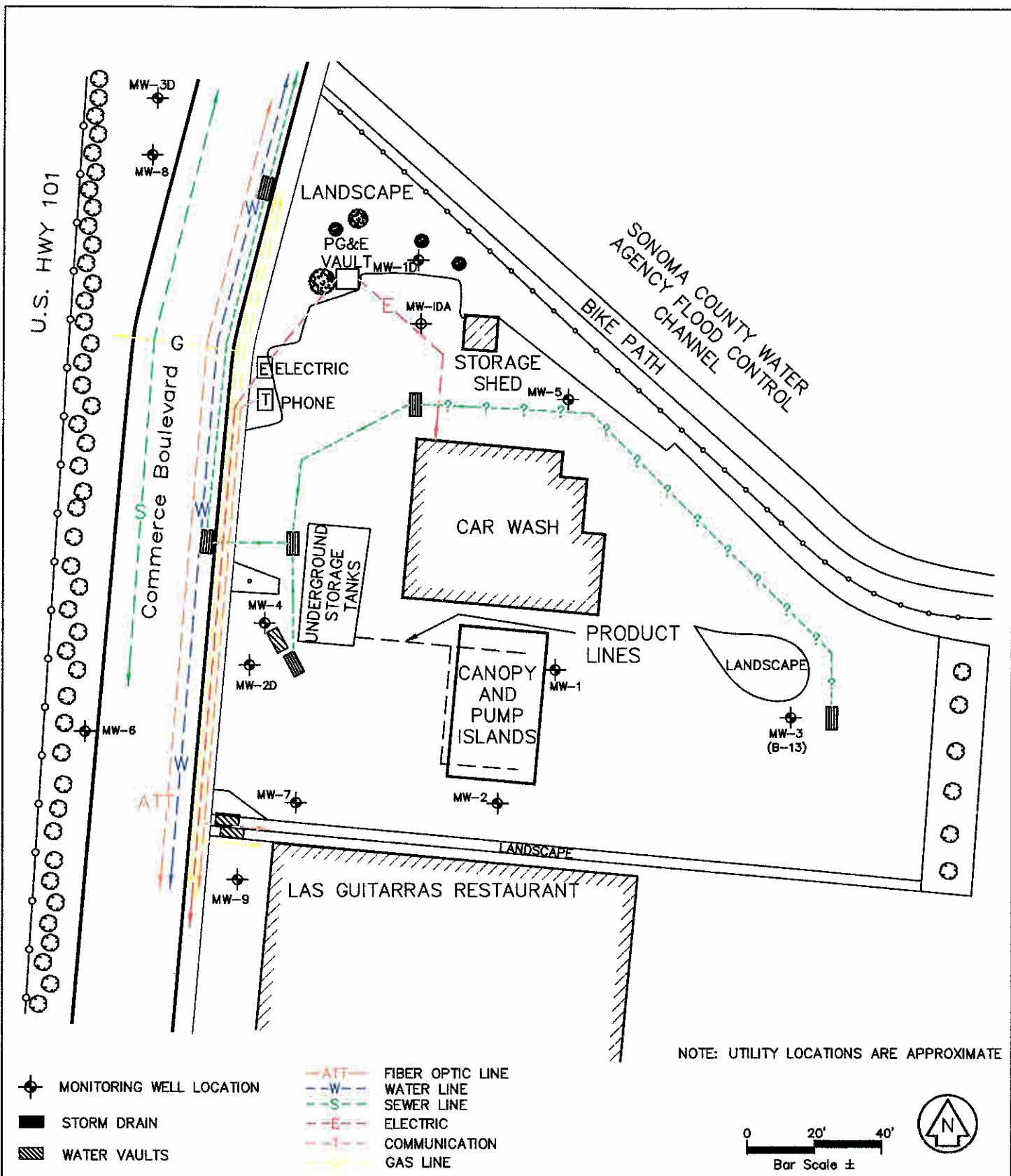
SITE VICINITY MAP

ROYAL COACH CAR WASH
7360 COMMERCE BLVD
COTATI, CA

PLATE:

2

DRAWN BY: JLP	DWG NAME: 1222.01 VM	APPR. BY: BRH	JOB NUMBER: 1222.01	W.O. NUMBER: A-758	REVISIONS:	DATE: 5/13/05
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930 SHILOH RD., BLDG 44, SUITE J
WINDSOR, CA 95492
PHONE: 707-575-8622 FAX: 707-837-7334

SITE PLAN/ UTILITY MAP

ROYAL COACH CAR WASH
7360 COMMERCE BLVD.
COTATI, CALIFORNIA

PLATE:

3

DRAWN BY:	DWG NAME:	APPR. BY:	JOB NUMBER:	W.O. NUMBER:	REVISIONS:	DATE:
JLP	1222.01 SP	BRH	1222.01	A-752		5/13/05

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Sensitive Receptor Survey Update

**Royal Coach Car Wash
7360 Commerce Boulevard
Cotati, California**

**May 16, 2005
Job No. 1222.01**

Mr. Dale Radford
Sonoma County Department of Health Services
Environmental Health Division
3273 Airway Drive, Suite D
Santa Rosa, California 95403-2097

North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403

